

WHAT IS CLAIMED IS:

5 1. A device for sealing a cavity comprising an interior surface, said device comprising:

a sleeve;

a molded skirt integrally formed on said sleeve comprising an interior surface and a sealing surface;

10 wherein said sealing surface has substantially the same shape as the interior surface of the cavity such that the sealing surface is not substantially wrinkled when said sealing surface is in sealing contact with said interior surface of the cavity.

15 2. The device of claim 1, wherein:

said cavity comprises an opening; and

said sleeve and said molded skirt substantially prevent the movement of matter between the inside and the outside of said cavity through said opening.

20 3. The device of claim 2, wherein said sleeve and said molded skirt are constructed from elastomeric material.

25 4. The device of claim 1, further comprising:
a wiping land.

5. A device for sealing a cavity comprising an interior surface, said device comprising:

30 a sleeve comprising a longitudinal axis and an insertion end;

a molded skirt assembly integrally formed on said sleeve;

35 wherein said skirt assembly comprises a first integral section extending in a plane which is substantially perpendicular to said longitudinal axis; and

5 wherein said skirt assembly comprises a second integral section comprising an interior surface and a sealing surface that extends along the length of the sleeve in a direction opposite to said insertion end such that there is a gap between said interior surface and said sleeve.

10 6. The device of claim 5, wherein said sealing surface has substantially the same shape as the interior surface of said cavity.

15 7. The device of claim 6, further comprising:
a wiping land located between said molded skirt assembly and said sleeve insertion end.

8. The device of claim 5, wherein said device is constructed from elastomeric material.

20 9. A method of sealing an opening of a cavity comprising the steps of:

inserting a portion of a structure through a sleeve of a sealing assembly, said sealing assembly having a molded skirt;
inserting a section of said structure including portion
25 of said structure inserted through said sealing assembly into said cavity through said cavity opening so that said molded skirt is in sealing contact with the inside surface of said cavity wherein said molded skirt comprises a sealing surface that has substantially the same shape as the interior surface of said
30 cavity such that the sealing surface is not substantially wrinkled when said sealing surface is in sealing contact with said cavity interior surface.

35 10. The method of sealing an opening of a cavity of claim 9, wherein said sealing assembly also comprises a wiping land.

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11. The method of sealing an opening of a cavity of claim
10, further comprising the step of:

5 cleaning a portion of interior surface of said cavity
using said wiping land.

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